

REMARKS

Claims 2-6, 12-18 and 21-24 are pending and stand allowed. By this Amendment, claims 1, 7-11 and 19-20 are cancelled without prejudice to, or disclaimer of, their subject matter.

1. The Office Action, on page 2, continues to object to the Drawings for the reason stated in the previous Office Action. In lines 1-3 of page 6, the Office Action acknowledges that the June 19 Amendment states that a Request For Approval Of Drawing Corrections was attached to the Amendment, but goes on to state that "the examiner has not received any drawing corrections as the amendment filed on 06/19/03 said."

In response, the Applicant asserts that the Request For Approval Of Drawing Correction was indeed filed on June 19. As evidence of this filing, the Applicant attaches hereto the receipt for this filing from the Office Of Initial Patent Examination of the Patent Office date stamped on June 19, 2003 as Exhibit 1. As a convenience for the Examiner, the Applicant attaches hereto as Exhibit 2 a courtesy copy of the filing from the Applicant's records with the changes highlighted again in pink. The Examiner is requested to review and approve the proposed drawing corrections. No new matter is added. It is respectfully submitted that the present objection to the Drawings is obviated by these drawing corrections. Amendments to the Specification filed June 19, 2003 already reference these corrected drawings

2. The Office Action rejects claims 1 and 7-11 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,448,104 to Watanabe. Claims 1 and 7-11 are not presently pending.

3. Claims 2-6, 12-18 and 21-24 stand allowed. The Examiner is respectfully requested to clarify an ambiguity in the status of claim 6 that appears in the record. On line 7, page 1, the Office Action indicates that claim 6 is objected to but the Office Action does not explain why anywhere in the Office Action. On line 5, page 1 and on page 5, the Office Action indicates that claim 6 is allowed. It is respectfully submitted that the objection to claim 6 is held over from an earlier Office Action, and the objection to claim 6 was obviated when claim 2 was

presented in independent form. Clarification by an indication that claim 6 is not objected to is earnestly solicited.

4. The Office Action asserts a Requirement that non-elected claims 19 and 20 be cancelled. By this Amendment, this Requirement is obviated.

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Prompt reconsideration and allowance are earnestly solicited. Should the examiner believe that any further action is necessary to place the application in condition for allowance, the examiner is invited to contact the under signed at the telephone number listed below.

Respectfully submitted,



Daniel E. Fisher
Registration No. 34,162

Date: September 2, 2003

DORSEY & WHITNEY LLP
Suite 400 South
1001 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
Telephone: 202-442-3000
Facsimile: 202-442-3199

4819-9356-7232

Exhibit 1

457833-66(5791)

June 19, 2003

Attorney Docket Number

Date of filing enclosed papers

RE: **ISOLATED PHOTODIODE**

Application No.: 10/044,974

Filing date: January 15, 2002

Patent No.: _____

Issue date: _____

Applicant/Inventor: **Eric C. FOX**

The following items/fees were received from Dorsey & Whitney, Washington, D.C., by the U.S. Patent & Trademark Office:

ITEMS

- ☐ PCT Request (5) Pages & PCT fee calculation sheet
- ☒ REQUEST FOR APPROVAL OF DRAWING CORRECTIONS
- ☒ Figures 1-3, and 7-12
- ☐ Replacement sheets of the Request
- ☐ EXECUTED DECLARATION FOR PATENT APP.
- ☐ Assignment and Assignment Recordation Form
- ☐ Claim of priority from Provisional Application No.
- ☐ Request for Certificate of Correction of Patent
- ☐ Supplemental Information Disclosure Statement
- ☐ IDS w/PTO 1449 forms & reference copies
- ☐ Letter to Draftsman
- ☐ Issue Fee Transmittal PTOL Form 85B
- ☐ Issue Fee Transmittal Letter
- ☐ Amendment Under 37 CFR § 1.312(a)
- ☐ Assignment w/Cover Sheet
- ☐ New U.S. Provisional Patent/Design Application (12 sheets)
- ☐ National Stage Application
- ☐ Translation of National Stage
- ☐ Priority Document – CC ofApp. # Date
- ☐ Combined Notice of Appeal and Pet. For Extension of Time
- ☐ Petition/Request for EOT
- ☐ Amendment/After final
- ☐ Status Check Inquiry

- ☐ Notice of Appeal
- ☐ Appeal Brief (in triplicate)
- ☐ Reply Brief (in triplicate)
- ☐ Request for Oral Hearing
- ☐ Confirmation of Hearing Petition
- ☐ Response

OTHER ITEMS

- ☐ New App. Transmittal Letter
- ☐ Executed Declaration and Power of Atty.
- ☐ Acknowledgment self-stamped postcard
- ☐ RCE Filing Fee
- ☐ Petition for extension of time fee
- ☐ Application Filing Fee
- ☐ Assignment Recordation fee
- ☐ Issue Fee
- ☐ Advance copy patent fee
- ☐ IDS fee
- ☐ Additional Claim Fees
- ☐ **TOTAL FEES =**

RETURN DATE-STAMPED
BLUE SHEET TO:
WYLIE WILLIAMS/EV
TEL. (202) 442-3000

DOCKETED

UPW
6-20-03
Wm



RECEIVED
SEP - 4 2003
TECHNOLOGY CENTER 2800

PATENT APPLICATION

Attorney Docket No: 5791

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:)	
)	
Eric C. FOX)	
)	
Serial No.: 10/044,974)	Examiner: Tan N. Tran
)	
Filed: January 15, 2002)	Group Art Unit: 2826
)	
For: Isolated Photodiode)	

Mail Stop: PGPUB Drawings
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

REQUEST FOR APPROVAL OF DRAWING CORRECTIONS

Sir:

Attached hereto are 8 sheets of proposed drawing corrections proposing corrections to FIGS. 1-3 and the addition of FIGS. 7-12. No new matter is added.

The corrections to FIGS. 1-3 correct original FIGS. 1-3 to conform the drawings to the specification. The specification, on pages 4 and 5 disclose: (1) sensor 10 as including CMOS circuitry (illustrated as circuitry 30), (2) sensor 40 as including CMOS circuitry (illustrated as circuitry 60), and (3) sensor 70 as including CMOS circuitry (illustrated as circuitry 90). Furthermore and referring to FIGS. 1-3, page 8, lines 8-15 of the specification discloses that at least one n-FET (illustrated as 34) are formed in a p well (illustrated as 32). The depiction of CMOS circuitry in proposed FIGS. 1-3 includes no more subject matter than what would be understood by a person of ordinary skill in the art from the disclosure of CMOS circuitry described on pages 4, 5 and 8. No new matter was added to the proposed corrections to FIGS. 1-3.

The additional FIGS. 7-9 are proposed to further conform the drawings, as a set, to the specification, as a whole. FIGS. 7-9 derive from the original disclosure of corrected FIGS. 1-3 and the original disclosure in the specification on page 8, lines 16-19 where the p implant

beneath the photodiode is increased in depth by an extra implant process beyond the conventional CMOS p well implant process. No new matter was added in the proposed additional FIGS. 7-9.

The additional FIGS. 10-12 are proposed to further conform the drawings, as a set, to the specification, as a whole. FIGS. 10-12 derive from the original FIGS. 1-3 and the original disclosure in the specification on page 9, lines 5-15. No new matter was added in the proposed additional FIGS. 10-12.

Accordingly, the Examiner is respectfully requested to review and approve the above proposed corrections to the drawings.

Respectfully submitted,



Daniel E. Fisher
Registration No. 34,162

Date: June 19, 2003

DORSEY & WHITNEY LLP
Suite 400 South
1001 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
Telephone: 202-442-3000
Facsimile: 202-442-3199

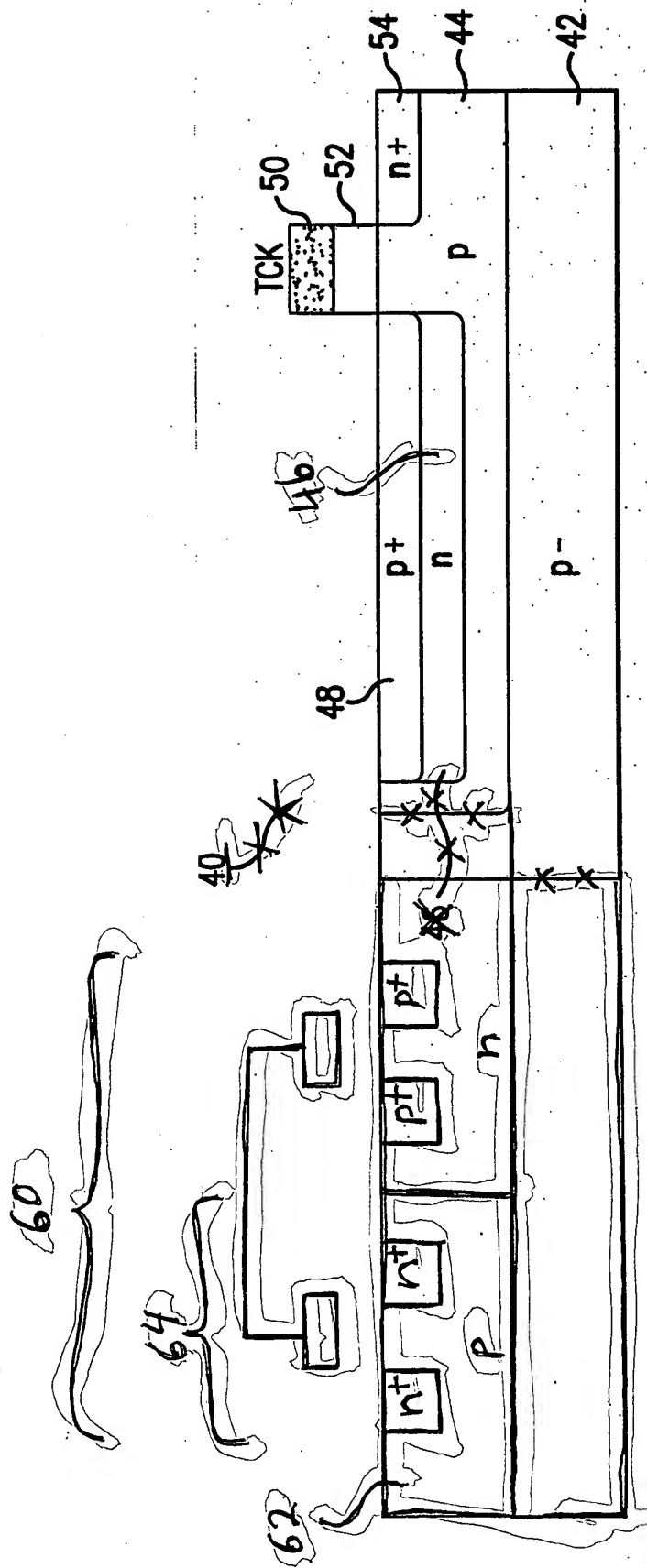


FIG. 2

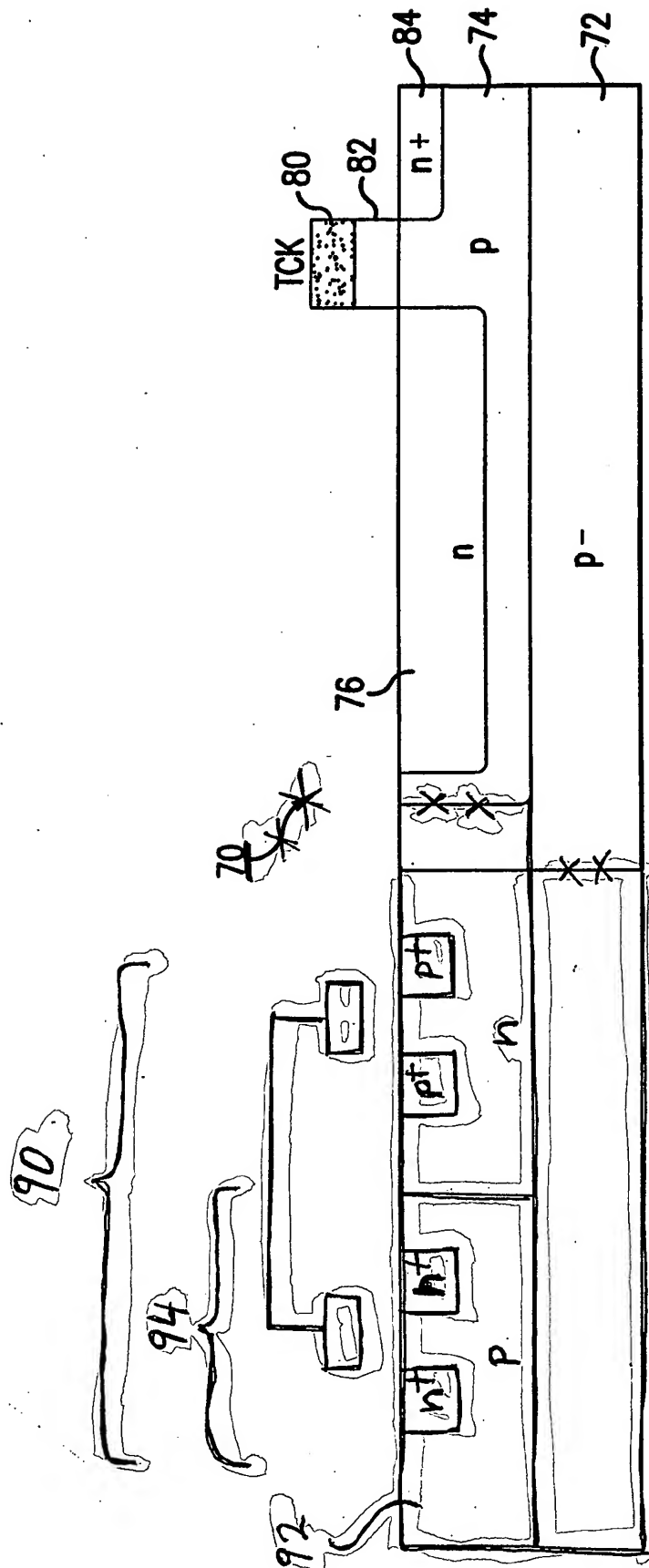


FIG. 3

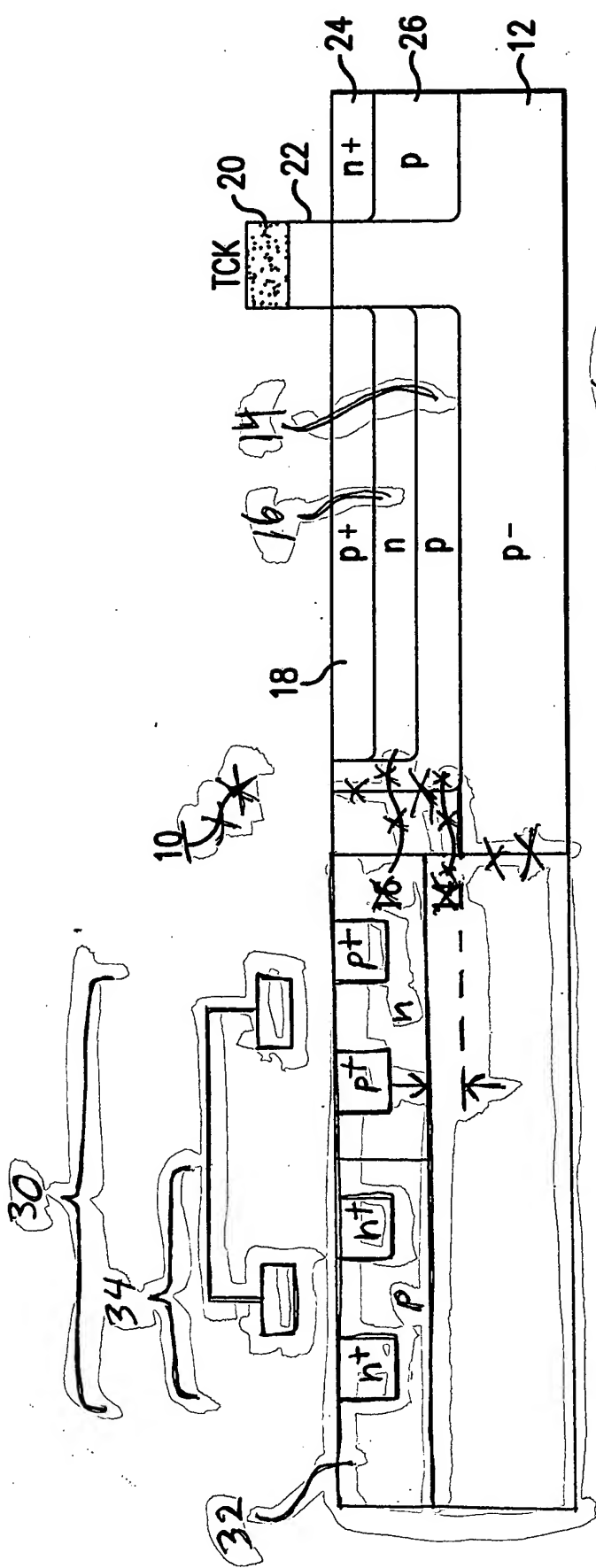


FIG. 7

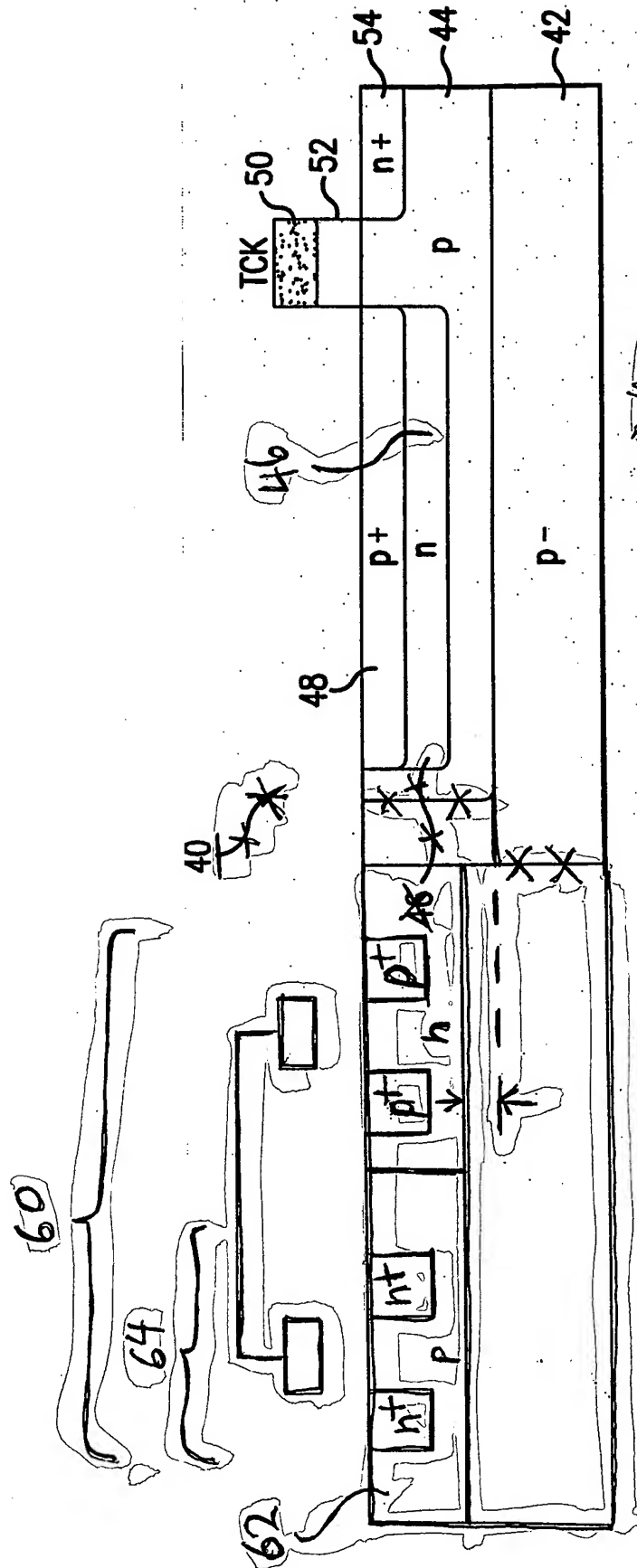


FIG. 8

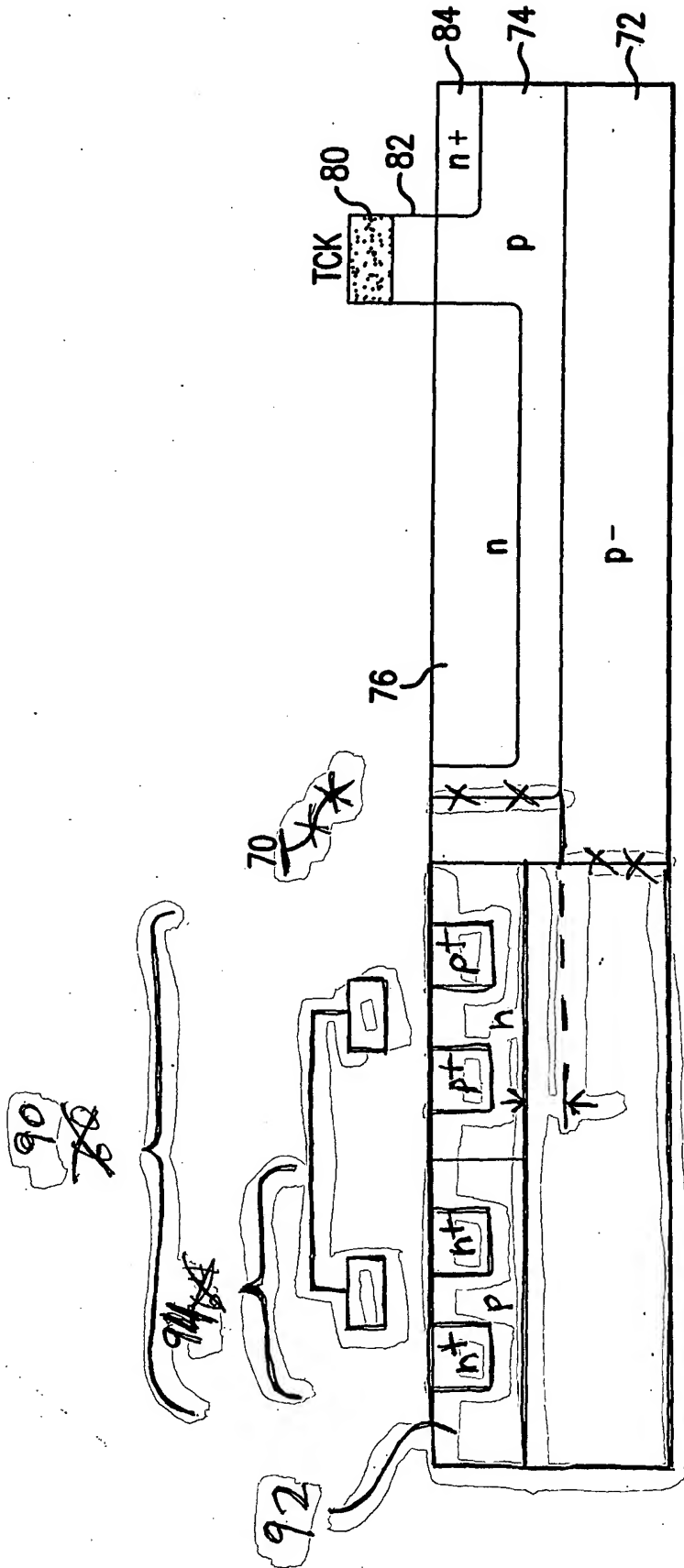


FIG. 9

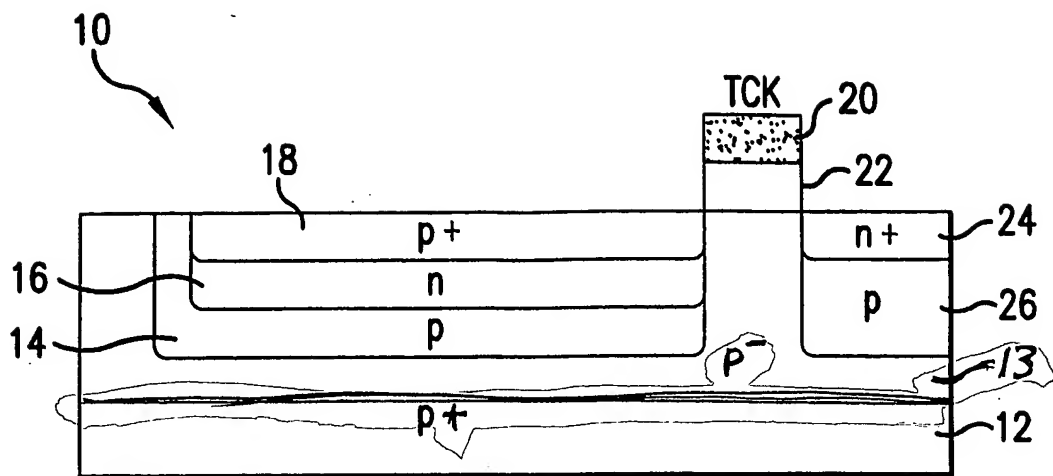


FIG. 10

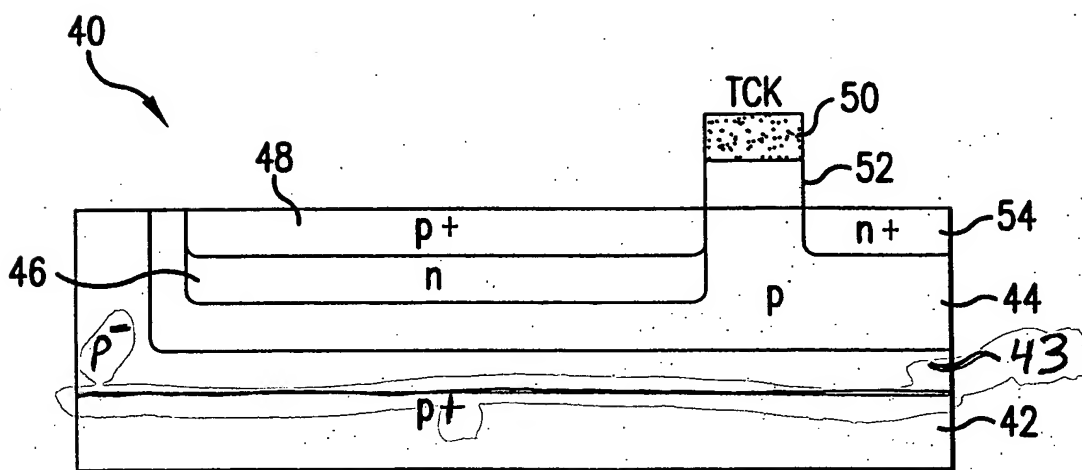


FIG. 11